

Product Information

Recombinant Anti-Human MUC16 Antibody Fab Fragment

Cat. No.: **MOM-H63-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized Antibody Fab Fragment specifically binds to Human MUC16, expressed in E. coli

Antigen Description

CA-125 (cancer antigen 125, carcinoma antigen 125, or carbohydrate antigen 125) also known as mucin 16 or MUC16 is a protein that in humans is encoded by the MUC16 gene. MUC16 is a member of the mucin family glycoproteins. CA-125 has found application as

Specific Activity

MUC16 (mucin 16, MUC-16, cancer antigen 125, CA125) [Homo sapiens]

Target

MUC16

Source

Humanized

Species Reactivity

Human

Type

Humanized Fab-IgG1 - kappa

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Cellular Localization

kappa

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[MUC16 mucin 16, cell surface associated \[Homo sapiens \]](#)

Official Symbol

MUC16

Synonyms

MUC16; mucin 16, cell surface associated; mucin-16; CA125; FLJ14303; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125;

Gene ID

[94025](#)

mRNA Refseq

[NM_024690](#)

Protein Refseq

[NP_078966](#)

MIM

[606154](#)

UniProt ID

Q8WXI7

Chromosome Location

19p13.2

Pathway

Metabolism of proteins, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Termination of O-glycan biosynthesis, organism-specific biosystem;

Function

protein binding;